

REMARKS

This is in reply to the Office Action dated January 31, 2002, wherein restriction was required among the claims as follows:

Group I, claims 1-5, drawn to a recording apparatus/method including extracting clock and transport packet from a stream, clock generating, time-stamp generating, and time-stamp continuity information generating, classified in class 369, subclass 53.34;

Group II, claims 6-8, drawn to an editing apparatus/method including selecting one of a plurality of streams and time stamp continuity information rewriting, classified in class 369, subclass 47.23; and

Group III, claim 14, drawn to a recording medium for recording time-stamps discontinuity information between connected streams, classified in class 369, subclass 275.3.

Applicants elect, **without traverse**, Group I corresponding to claims 1-5, for further prosecution and cancel claims 6-8 and 14 in the present application.

Applicants reserve their right to file one or more divisional applications, if necessary, so as to proceed with the examination of any claims that read on a nonelected species.

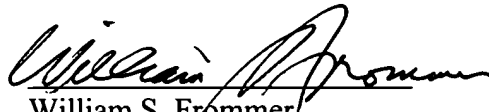
The specification has been amended to correct inadvertent errors. Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned "**Version with markings to show changes made.**" New claims 15-17 are added to this application to better define the present invention. No new matter is added.

Entry of the above amendatory matter and early examination on the merits of the claims of this application is respectfully solicited.

Please charge any fees that may be due and not otherwise paid herewith to

Deposit Account No. 50-0320.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP

By: 
William S. Frommer
Reg. No. 25,506
(212) 588-0800

Version with markings to show changes made

IN THE SPECIFICATION:

Please amend the specification as follows.

Please replace the paragraph on page 3, lines 5-20 with the following:

-- Fig. 2 is a block diagram showing a typical configuration of an apparatus for recording a transport stream by embracing such a principle. In a bitstream [purser] parser 2, a program clock reference (PCR) is read out from the header of a transport packet of a transport stream received through a terminal 1. The transport packet is supplied to a time-stamp adding circuit 3 while the PCR is supplied to a PLL (phase-locked loop) circuit 4. The PLL circuit 4 generates a clock signal with a frequency of 27MHz in synchronization with the PCR supplied thereto, outputting the clock signal to a timestamp generating circuit 5. The time-stamp generating circuit 5 counts the number of pulses of the clock signal and generates a time stamp (time_stamp_counter) corresponding to a count value to the time-stamp adding circuit 3 to output.--

Please replace the paragraph starting on page 15, line 15, and ending on page 16, line 9 with the following:

-- Next, the operation of the transport-stream recording apparatus shown in Fig. 7 is explained. A transport stream of one or more programs extracted from a transport stream including a plurality of multiplexed television programs is supplied to a terminal 1. The transport stream supplied to the terminal 1 is forwarded to a bitstream [purser] parser 2. In the bitstream [purser] parser 2, a program clock reference (PCR) is read out from the header of a transport packet of a transport stream received through the terminal 1. The transport packet is supplied to an information adding circuit 42 while the PCR is supplied to a PLL (phase-locked

loop) circuit 4. The PLL circuit 4 generates a clock signal with a frequency of 27MHz in synchronization with the PCR supplied thereto, outputting the clock signal to a time-stamp generating circuit 5. The time-stamp generating circuit 5 counts the number of pulses of the input clock signal by using an embedded counter, generating a time stamp (time-stamp counter) corresponding to a count value to output to the information adding circuit 42.--

Please replace the paragraph on page 16, lines 10-25 with the following:

-- The generating circuit 41 generates tsc_discontinuity_indicator, that is, a flag always having a value of 0 to indicate that pieces of time_stamp_counter are continuous, outputting the flag to the information adding circuit 42. The information adding circuit 42 records a transport packet received from the bitstream [purser] parser 2 as VDR_MPEG2_transport_stream with a format shown in Fig. 8A. As shown in the figure, VDR_MPEG2_transport_stream includes TSP_extra_information() in addition to transport packet(). As shown in Fig. 9, TSP_extra_information() includes time_stamp_counter output by the time-stamp generating circuit 5 and tsc_discontinuity_indicator output by the generating circuit 41. In this example, time_stamp_counter and tsc_discontinuity_indicator are 24 bits and 1 bit in length, respectively.--

Please replace the paragraph on page 17, lines 4-12 with the following:

-- The information adding circuit 42 adds time_stamp_counter output by the time-stamp generating circuit 5 and tsc_discontinuity_indicator output by the generating circuit 41 to a transport packet received from the bitstream [purser] parser 2, supplying the transport packet along with time_stamp_counter and tsc_discontinuity_indicator added thereto to a storage media unit 7 to be recorded therein by way of the smoothing buffer 6.--